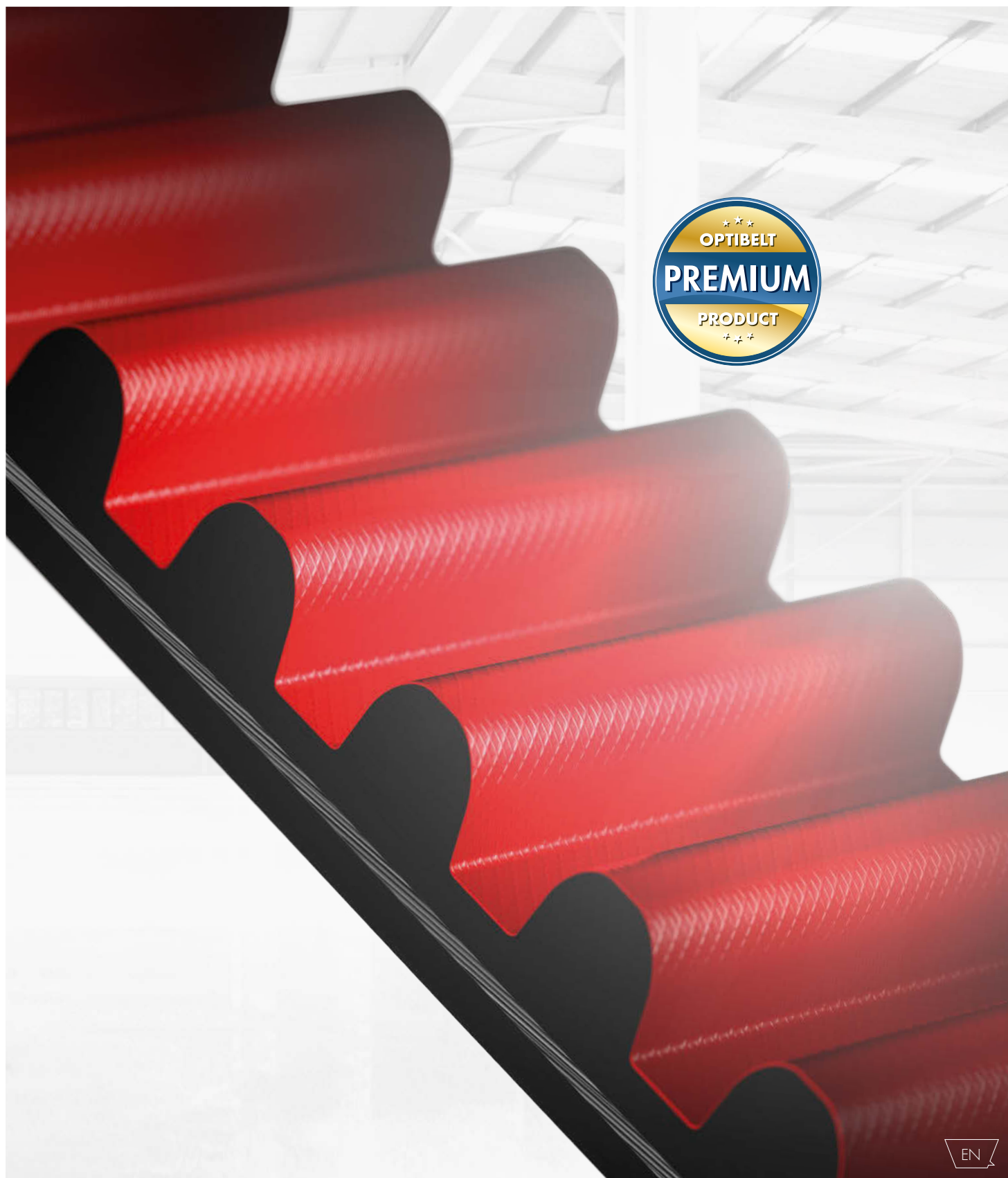




POWER TRANSMISSION

optibelt DELTA Chain



HIGH PERFORMANCE TIMING BELTS

DELTA CHAIN

The **optibelt DELTA Chain** is a new high performance timing belt that sets standards in the market. Up to 100% higher power transmission is possible compared to high performance rubber timing belts. With its carbon cord, it is the ideal alternative to drives with roller chains.



The new type of laser marking on the top surface of the **optibelt DELTA Chain** includes an EAN code, which allows you to quickly check the product with the help of the Optibelt app. When you scan the code, a product description is shown along with the length and width of the product.

AIN

The **optibelt DELTA Chain** was designed for high torques and delivers high performance even in extreme use and with high loads. The overall width of the drive can therefore be considerably reduced. The particular focus here is placed on drives with very high torques.

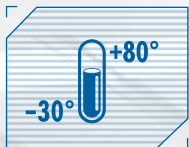


It runs in **optibelt ZRS DC** timing pulleys and in the comparable other brand timing pulleys CTD and PC.



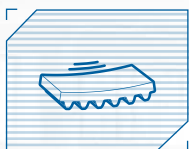
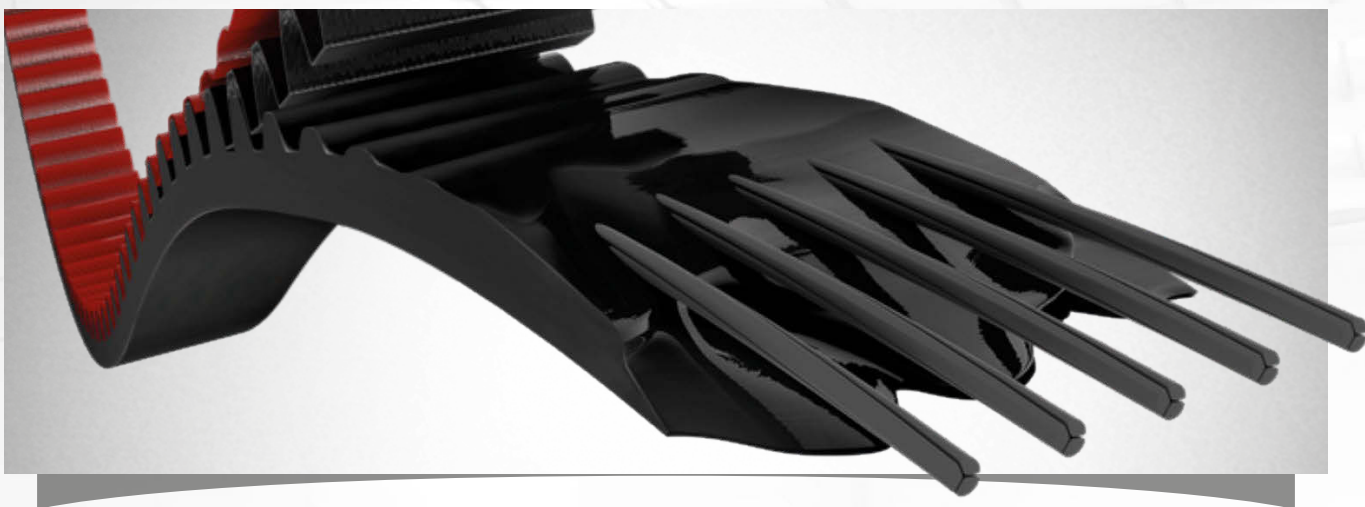
optibelt **DELTA Chain**

CHARACTERISTICS



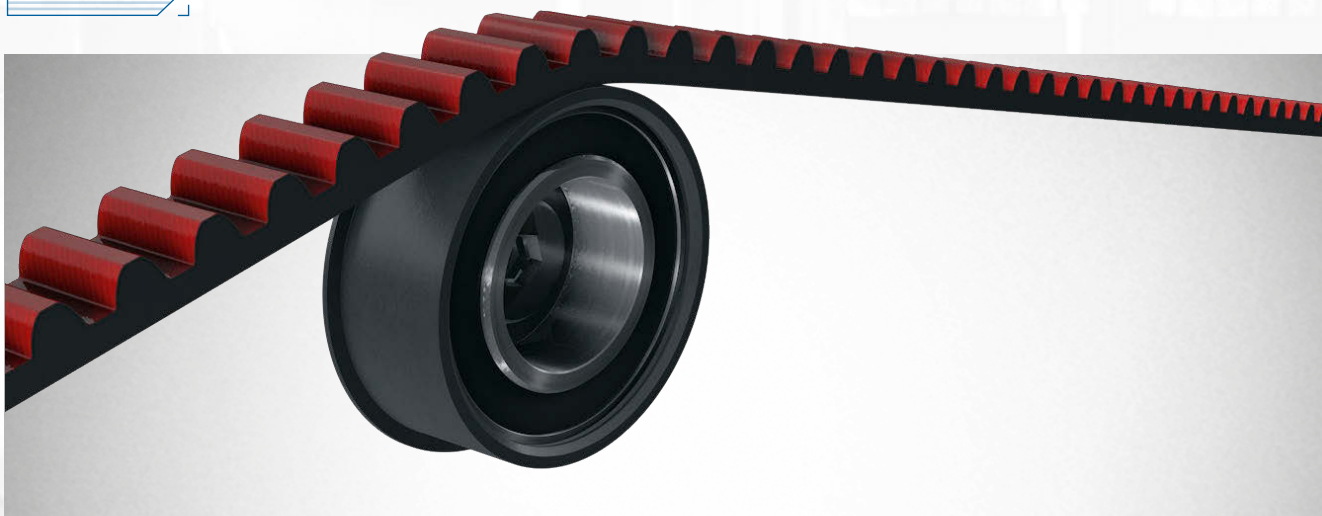
BEST TEMPERATURE RESISTANCE

thanks to the use of cast polyurethane – operating temperatures of approx. -30°C to $+80^{\circ}\text{C}$



UNRIVALLED IMPACT STRENGTH

due to a combination of hard polyurethane and hard-wearing carbon fibres

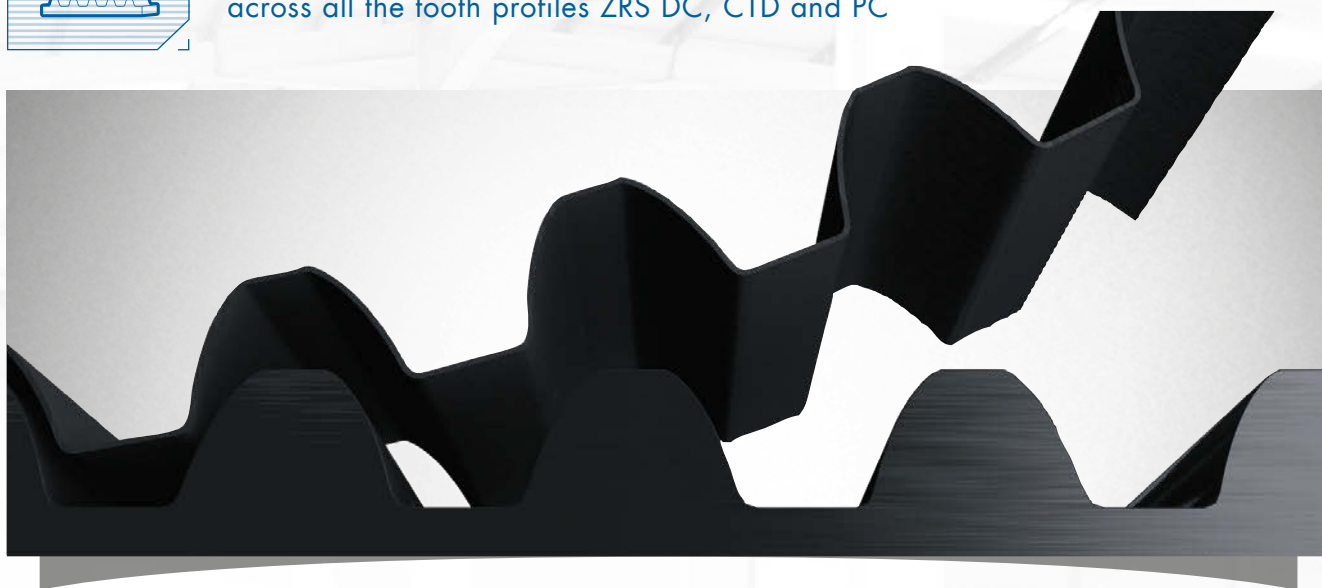


RISTICS



OPTIMISED TOOTH SHAPE

for smooth tooth meshing and uniform distribution of force across all the tooth profiles ZRS DC, CTD and PC

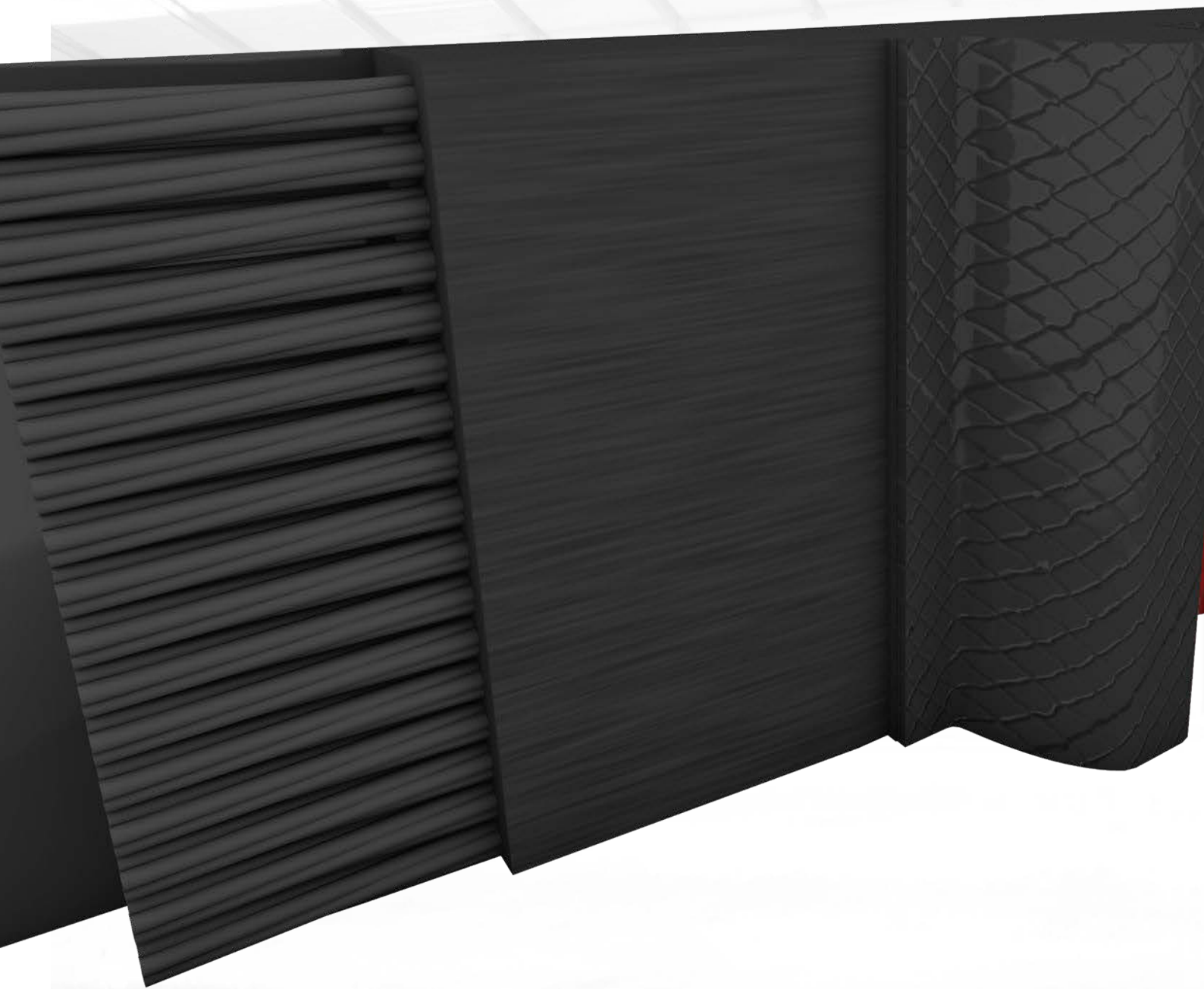


HIGH LEVEL OF RELIABILITY

in the event of any adverse effects resulting from oil, chemicals or ozone, for example

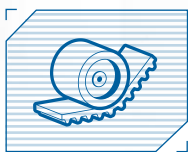


OUTSTANDING UNDER CONDITIONS, TEAR-



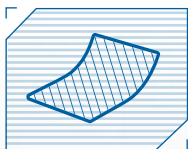
The innovative combination of materials with an extremely resistant polyurethane compound, an abrasion-resistant and specially treated polyamide fabric, as well as the carbon fibre cord, make the **optibelt DELTA Chain** resistant to a wide range of chemicals, oils and fluids.

DER EXCEPTIONAL -RESISTANT



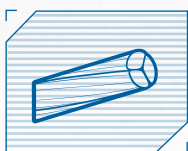
SMOOTH BELT BACKSIDE

to reduce running noise when using backside tension idlers



NEWLY DEVELOPED SPECIALIST WEBBING

for minimal wear and reduced running noise



CARBON TENSION MEMBER

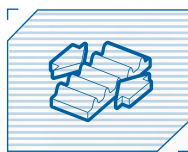
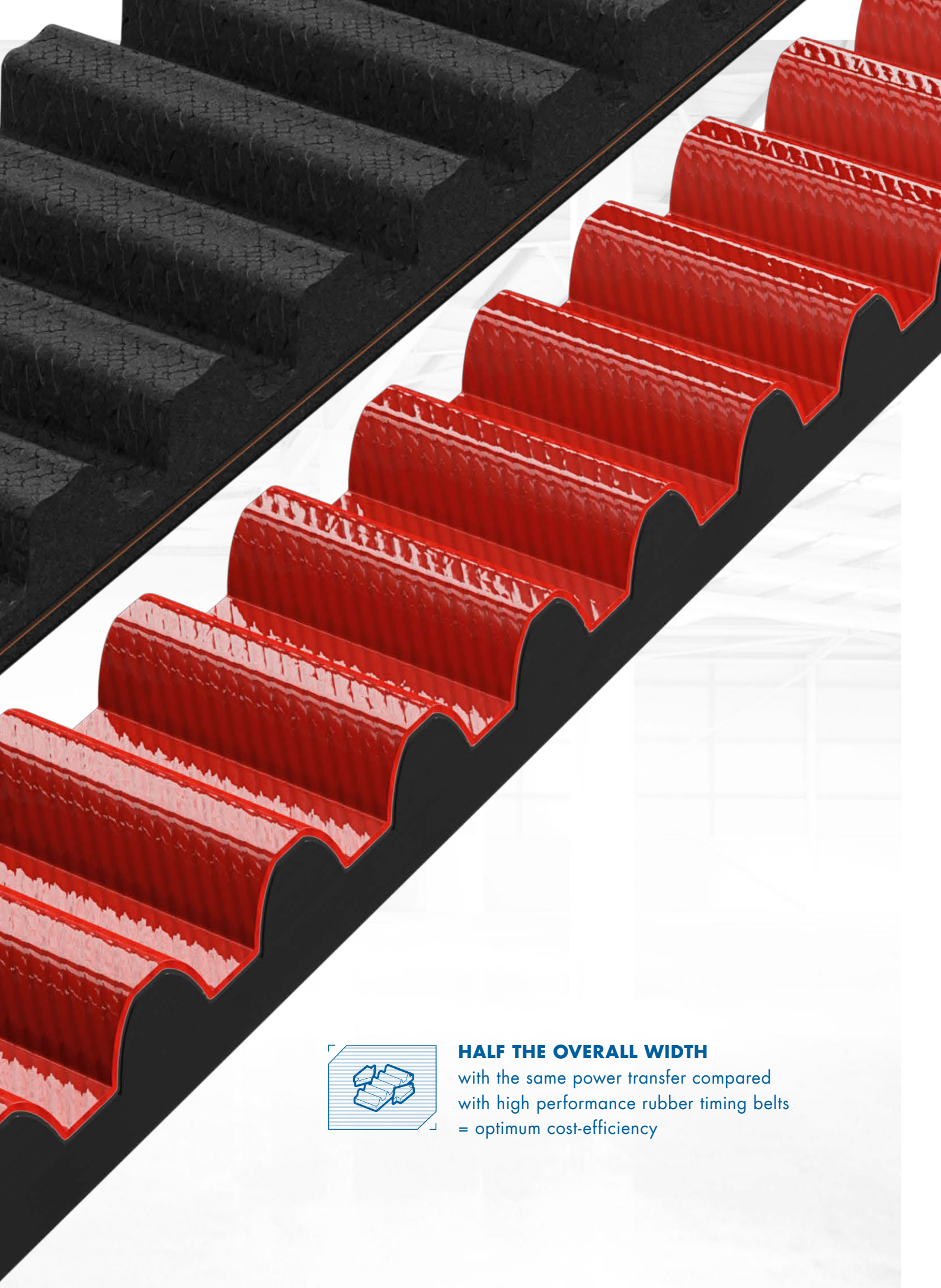
for maximum dimensional stability and ultimate tensile strength



2*P

DOUBLE THE POWER TRANSFER

compared with high performance rubber timing belts – especially at high torques and dynamic stresses



HALF THE OVERALL WIDTH

with the same power transfer compared
with high performance rubber timing belts
= optimum cost-efficiency

DRIVE FOR THE FUTURE

OPTIBELT'S INDUSTRY-SPECIFIC SOLUTIONS

ALMOST 150 BRILLIANT YEARS

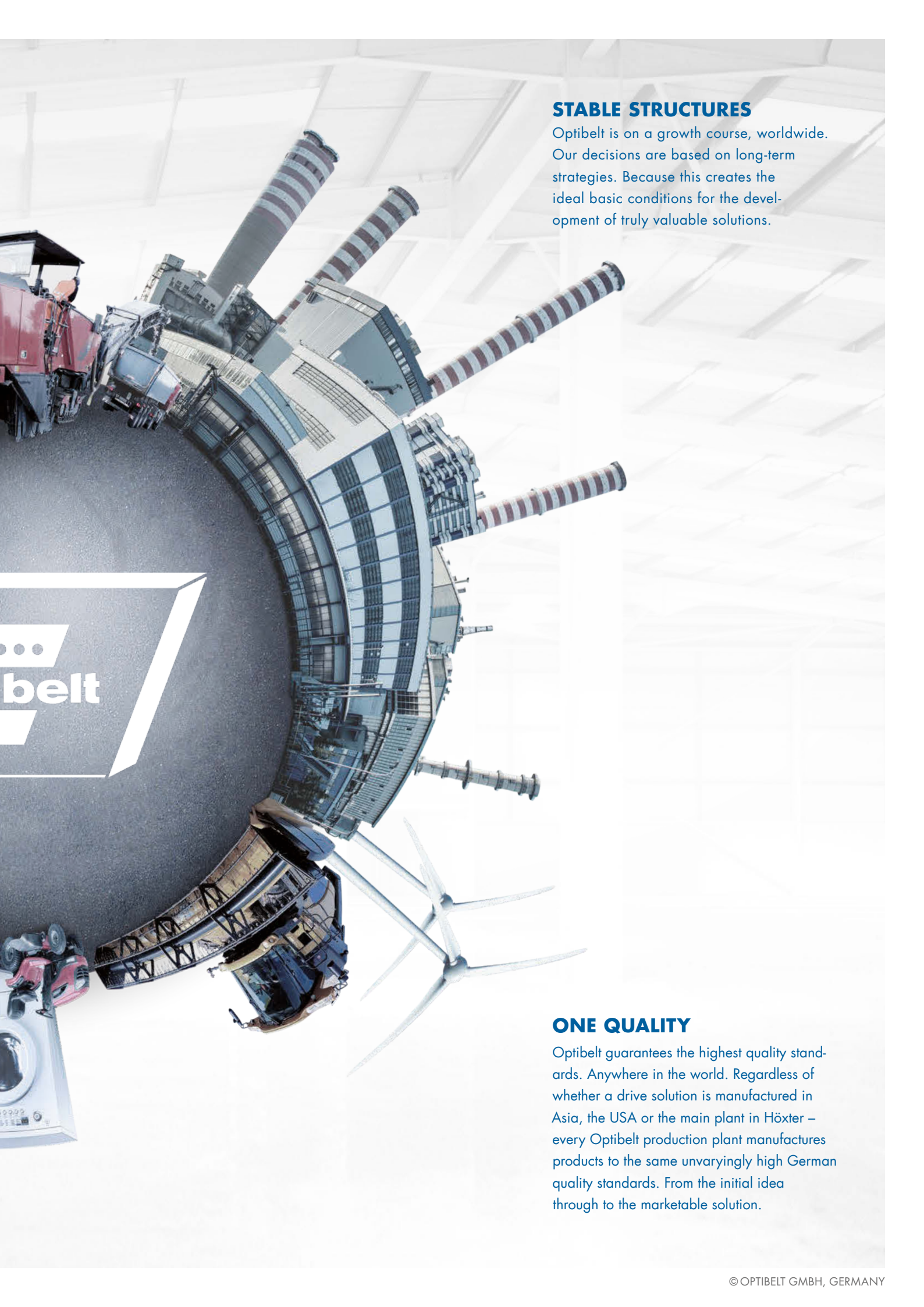
The range of products and services offered by Optibelt has expanded dramatically throughout the company's history, which spans nearly 150 years. Industry-specific drive solutions from Optibelt are used in every type of application. The company's Power Transmission, Automotive Technology, Material Handling and Elastomer Solutions divisions provide innovative products for clearly defined areas of application.

FROM COARSE TO FINE

All industries, all applications – Optibelt is one of the leading manufacturers of high performance drive solutions. You will find our products in medical production and opencast mining. In oil extraction and diamond mines. In lawn mowers, racing cars and washing machines. And we have the right solution for your industry too.



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STABLE STRUCTURES

Optibelt is on a growth course, worldwide. Our decisions are based on long-term strategies. Because this creates the ideal basic conditions for the development of truly valuable solutions.

ONE QUALITY

Optibelt guarantees the highest quality standards. Anywhere in the world. Regardless of whether a drive solution is manufactured in Asia, the USA or the main plant in Höxter – every Optibelt production plant manufactures products to the same unvaryingly high German quality standards. From the initial idea through to the marketable solution.

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